



PTO/SB/08A (08-03)

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number	09/903,302
Filing Date	07-10-2001
First Named Inventor	Mitchell, Matthew P.
Art Unit	3743
Examiner Name	Patel, Nihir B.
Attorney Docket Number	FOIL4

Sheet 1 of 1**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
MP		US- 6003320	12-21-1999	Okamura, et al.	Whole patent
		US-			
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**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>3</sup>
		Country Code <sup>4</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

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10-13-2004

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**Complete if Known**

<b>Application Number</b>	09/903,302
<b>Filing Date</b>	10 Jul 2001
<b>First Named Inventor</b>	Mitchell, Matthew P.
<b>Group Art Unit</b>	3743
<b>Examiner Name</b>	
<b>Attorney Docket Number</b>	FOIL4

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Sheet	1	of	2
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U.S. PATENT DOCUMENTS

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## FOREIGN PATENT DOCUMENTS

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10. 13. 2004

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2 of 2

### Complete if Known

Application Number	09/903,302
Filing Date	10 Jul 2001
First Named Inventor	Mitchell, Matthew P.
Group Art Unit	3743
Examiner Name	
Attorney Docket Number	FOIL4

### OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
NP		J. M. LEE, et al., "A REGENERATOR THAT WILL PERFORM AT MODERATELY HIGH FREQUENCY BELOW 10 KELVIN FOR USE IN A PULSE TUBE COOLER" <i>Advances in Cryogenic Engineering</i> , 2000, pp. 349 - 356, esp. p. 349, Vol. 45A, Kluwer Academic/Plenum Publishers, New York, USA.	
NP		HOFMANN et al., "PARALLEL FLOW REGENERATOR FOR PULSE TUBE COOLER APPLICATIONS", <i>Advances in Cryogenic Engineering</i> , 1998, pp. 1627 - 1633, Vol. 43B Kluwer Academic/Plenum Publishers, New York, USA.	
NP		J. N. CHAFE, et al. "NEODYMIUM-RIBBON-REGENERATOR COOLING PERFORMANCE IN A TWO-STAGE GIFFORD-MCMAHON REFRIGERATOR", <i>Advances in Cryogenic Engineering</i> , 1998, pp. 1589 - 1596, Vol. 43B Kluwer Academic/Plenum Publishers, New York, USA.	
P		J. R. OLSON, et al., "Performance of a Two-Stage Pulse Tube Cryocooler for Space Applications", <i>Cryocoolers 10</i> , 1999, pp. 163 - 170, esp. pp. 167-168, Kluwer Academic/Plenum Publishers, New York, USA.	

Examiner  
Signature

*John P. B.*

Date

Considered

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